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#### 1 Fingerprinting and forensic analysis of multimedia

Daniel Schonberg, Darko Kirovski

October 2004 **MULTIMEDIA '04: Proceedings of the 12th annual ACM international conference on Multimedia**

**Publisher:** ACM

Full text available: [PDF](#) (1.24 MB)

Additional Information: full citation, abstract, n

**Bibliometrics:** Downloads (6 Weeks): 10, Downloads (12 Months): 146, Citation

One of the prime reasons movie and music studios have ignored the Internet multimedia content delivery, has been the lack of a technology that can manage (DRM) system on a general purpose computer. ...

**Keywords:** audio, collusion attack, fingerprinting, forensic analysis, vid

#### 2 On the extraction of vocal-related information to facilitate the management of musical collections

Wei-Ho Tsai, Hsin-Min Wang

June 2005 **JCDL '05: Proceedings of the 5th ACM/IEEE-CS joint conference on Digital libraries**

**Publisher:** ACM

Full text available: [PDF](#) (242.72 KB)

Additional Information: full citation, abstract, n

**Bibliometrics:** Downloads (6 Weeks): 11, Downloads (12 Months): 80, Citation

With the explosive growth of networked collections of musical material, a mechanism like a digital library to manage music data. This paper presents a processing paradigm of popular song collections to facilitate ...

**Keywords:** music digital library, music information retrieval, query-by-vocal/non-vocal segmentation

#### 3 An end-user perspective on file-sharing systems

Jintae Lee

February 2003 **Communications of the ACM**, Volume 46 Issue 2

**Publisher:** ACM

Full text available: [HTML](#) (25.44 KB), [PDF](#) (91.50 KB) Additional Information: full citation, abstract, n

**Bibliometrics:** Downloads (6 Weeks): 29, Downloads (12 Months): 255, Citation

P2P file-sharing systems enable their users to share files directly among for a central file server. They form one of the most well-known categori largely to the Napster controversy and its appeal ...

**4 Automatic summarization of music videos**

 **Xi Shao, Changsheng Xu, Namunu G. Maddage, Qi Tian, Mohan S. Kankant May 2006 *Transactions on Multimedia Computing, Communications (TOMCCAP)* , Volume 2 Issue 2**

**Publisher:** ACM

Full text available:  Pdf (488.75 KB) Additional Information: full citation, abstract, n

**Bibliometrics:** Downloads (6 Weeks): 12, Downloads (12 Months): 112, Citation (

In this article, we propose a novel approach for automatic music video s summarization scheme is different from the current methods used for v video is separated into the music track and video track. ...

**Keywords:** Music summarization, music video, video summarization

**5 Fourth annual visual effects (VES) awards**

 **Newton Lee October 2005 *Computers in Entertainment (CIE)* , Volume 3 Issue 4**

**Publisher:** ACM

Full text available:  Pdf (399.42 KB) Additional Information: full citation, index term

**Bibliometrics:** Downloads (6 Weeks): 2, Downloads (12 Months): 16, Citation (

**6 Personal vs. commercial content: the similarities between consumer**

 **Frank Bentley, Crysta Metcalf, Gunnar Harboe April 2006 *CHI '06: Proceedings of the SIGCHI conference on Human Factors in Computing Systems* , Volume 34 Issue 2**

**Publisher:** ACM

Full text available:  Pdf (469.83 KB) Additional Information: full citation, abstract, n

**Bibliometrics:** Downloads (6 Weeks): 18, Downloads (12 Months): 172, Citation (

We describe the results of two ethnographic-style studies that investiga and music respectively. Although the studies were designed, executed, our findings we discovered striking similarities between ...

**Keywords:** consumer, ethnographic study, music, photo, sharing

**7 Copyright conundrum: liability of ISPs for online copyright infringement**

**Gayle L. Middleton**

January 2005 **ACSW Frontiers '05: Proceedings of the 2005 Australasian computing and e-research - Volume 44** , Volume 44

**Publisher:** Australian Computer Society, Inc.

Full text available:  Pdf (129.27 KB) Additional Information: full citation, abstract, n

**Bibliometrics:** Downloads (6 Weeks): 4, Downloads (12 Months): 77, Citation (

As digital rights holders become increasingly proactive in asserting their Internet service providers ("ISPs") are more frequently becoming embr infringement disputes. ISPs have, in turn, become increasingly ...

- 8** Online audio background determination for complex audio environments

Simon Moncrieff, Svetlana Venkatesh, Geoff West

May 2007 **Transactions on Multimedia Computing, Communications (TOMCCAP)**, Volume 3 Issue 2

**Publisher:** ACM

Full text available:  Pdf (799.81 KB)

Additional Information: full citation, abstract, n

**Bibliometrics:** Downloads (6 Weeks): 14, Downloads (12 Months): 92, Citation

We present a method for foreground/background separation of audio us technique. The technique models the background in an online, unsuperv and is designed for application to long term surveillance ...

**Keywords:** Audio analysis, online background modelling, surveillance a

- 9** QueST: querying music databases by acoustic and textual features

Bin Cui, Ling Liu, Carlton Pu, Jialie Shen, Kian-Lee Tan

September 2007 **MULTIMEDIA '07: Proceedings of the 15th international c**

**Publisher:** ACM

Full text available:  Pdf (229.62 KB)

Additional Information: full citation, abstract, n

**Bibliometrics:** Downloads (6 Weeks): 9, Downloads (12 Months): 132, Citation

With continued growth of music content available on the Internet, music attracted increasing attention. An important challenge for music search keyword and content based queries efficiently ...

**Keywords:** acoustic feature, music, search, similarity notion, textual fe

- 10** Improving audio conferencing: are two ears better than one?

Nicole Yankelovich, Jonathan Kaplan, Joe Provino, Mike Wessler, Joan Morris

cooperative work

**Publisher:** ACM

Full text available:  Pdf (625.38 KB)

Additional Information: full citation, abstract, n

**Bibliometrics:** Downloads (6 Weeks): 20, Downloads (12 Months): 133, Citation

In this paper, we describe a range of audio problems that impact the ef conferences and detail the solutions we have devised to address these p audio quality assessment to determine how differences in quality ...

**Keywords:** audio conferencing, cocktail-party effect, distributed meetin

- 11** Impromptu: managing networked audio applications for mobile users

Chris Schmandt, Kwan-Hong Lee, Jang Kim, Mark Ackerman

June 2004 **MobiSys '04: Proceedings of the 2nd international conference applications, and services**

**Publisher:** ACM

Full text available:  Pdf (240.36 KB)

Additional Information: full citation, abstract, n

**Bibliometrics:** Downloads (6 Weeks): 2, Downloads (12 Months): 51, Citation

This paper discusses the software architecture of Impromptu, a mobile platform, with an associated set of network-based applications and serv communication properties and universal mobility of the telephone ...

**Keywords:** WiFi, architecture, audio applications, audio interface, mobile interface, telephony, voice over IP

**12** Designing interactive music mixing applications for mobile devices

Juha Arrasvuo, Jukka Holm

September 2007 **DIMEA '07: Proceedings of the 2nd international conference on entertainment and arts**

**Publisher:** ACM

Full text available:  [Pdf \(607.92 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [...](#)

**Bibliometrics:** Downloads (6 Weeks): 17, Downloads (12 Months): 133, Citation

Mobile devices are a potential platform for interactive music mixing app audience. In this paper, the authors discuss the development of four su concepts were implemented as software prototypes ...

**Keywords:** MIDI, collaborative music-making, interactive music, interactive applications, jamming, mobile devices

**13** A singer identification technique for content-based classification of MP3 music

Chih-Chin Liu, Chuan-Sung Huang

November 2002 **CIKM '02: Proceedings of the eleventh international conference on knowledge management**

**Publisher:** ACM

Full text available:  [Pdf \(477.25 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [...\)](#)

**Bibliometrics:** Downloads (6 Weeks): 17, Downloads (12 Months): 145, Citation

As there is a growing amount of MP3 music data available on the Internet, the need to music classification and content-based music retrieval are getting more and more important. In this paper, we propose an approach to automatically ...

**Keywords:** MP3, MP3 classification, MP3 databases, content-based music classification, music databases, music feature extraction, singer identification

**14** netWorker: Volume 12 Issue 1

March 2008 **netWorker**

**Publisher:** ACM

Full text available:  [Digital Edition](#) ,  [Pdf \(1.99 MB\)](#) Additional Information: [full citation](#), [abstract](#), [...\)](#)

**Bibliometrics:** Downloads (6 Weeks): 41, Downloads (12 Months): 213, Citation

**15** System support for pervasive applications

Robert Grimm, Janet Davis, Eric Lemar, Adam Macbeth, Steven Swanson, I

Baishad, Gaetano Borriello, Steven Gribble, David Wetherall

November 2004 **Transactions on Computer Systems (TOCS)** , Volume 22 Issue 1

**Publisher:** ACM

Full text available:  Pdf (1.82 MB)

Additional Information: full citation, abstract, etc.

**Bibliometrics:** Downloads (6 Weeks): 38, Downloads (12 Months): 350, Citation Count: 0

Pervasive computing provides an attractive vision for the future of computing. It is a vision that computing will be available everywhere. Mobile and stationary devices will dynamically and seamlessly help people in accomplishing their tasks. ...

**Keywords:** Asynchronous events, checkpointing, discovery, logic/operation, one-world, pervasive computing, structured I/O, tuples, ubiquitous computing

**16** A music search engine built upon audio-based and web-based similarity

 Peter Knees, Tim Pothe, Markus Schedl, Gerhard Widmer  
July 2007 **SIGIR '07: Proceedings of the 30th annual international ACM SIGIR conference on research and development in information retrieval**

**Publisher:** ACM

Full text available:  Pdf (198.55 KB)

Additional Information: full citation, abstract, etc.

**Bibliometrics:** Downloads (6 Weeks): 29, Downloads (12 Months): 321, Citation Count: 0

An approach is presented to automatically build a search engine for large music collections. The search engine can be queried through natural language. While existing approaches depend on the user to provide annotations and meta-data assigned to the individual audio ...

**Keywords:** context-based retrieval, cross-media retrieval, music information retrieval, music similarity

**17** AVE: automated home video editing

 Xian-Sheng HUA, Lie LIU, Hong-Jiang ZHANG  
November 2003 **MULTIMEDIA '03: Proceedings of the eleventh ACM international conference on multimedia**

**Publisher:** ACM

Full text available:  Pdf (384.96 KB)

Additional Information: full citation, abstract, etc.

**Bibliometrics:** Downloads (6 Weeks): 2, Downloads (12 Months): 39, Citation Count: 0

In this paper, we present a system that automates home video editing. The system extracts a set of highlight segments from a set of raw home videos and incidental music based on the content of the video and ...

**Keywords:** audio segmentation, music analysis, optimization, video compression, video segmentation, video skimming

**18** The IP war: apocalypse or revolution?

 Tsvi Gal, Howard M. Singer, Laird Peppin  
October 2003 **DRM '03: Proceedings of the 3rd ACM workshop on Digital rights management**

**Publisher:** ACM

Full text available:  Pdf (248.96 KB)

Additional Information: full citation, abstract, etc.

**Bibliometrics:** Downloads (6 Weeks): 11, Downloads (12 Months): 116, Citation Count: 0

In the Foundation series, Asimov predicted a 1,000 years of darkness for the human race. ...

empire. In the book *Noir*, K.W Jeter describes a world where IP is the ultimate currency and you have likely scenario No. 1. The Internet ...

**Keywords:** digital distribution, digital rights management, intellectual property rights, piracy, software piracy

- ## 19 Audio watermark attacks: from single to profile attacks

▲ Andreas Lang, Jana Pittmann, Ryan Spring, Claus Vietthauer

August 2005 MM&Sec '05: Proceedings of the 7th workshop on Multimedia and Security

Publisher: ACM

Full text available:  [Pdt \(224.98 KB\)](#)

Additional Information: full citation, abstract, etc.

**Bibliometrics:** Downloads (6 Weeks): 12. Downloads (12 Months): 79. Citation

A wide range of watermarking evaluation approaches and especially image watermarking have been described in the literature. Our paper sets the main focus on the evaluation of audio watermarking with StirMark Benchmark for Audio (SMBAA). ...

**Keywords:** attack, audio, digital watermarking, smba, stirmark

- ## 20 The UCON usage control model

THE CONN ABC Usage 65

Jaehong Park, Ravi Sandhu  
Educause 2021, 16-18 November, 2021, Seattle, Washington, USA

February 2004 18M

Publisher: ACM

Page 11 of 12 Printed: 02/04/2018 10:42 AM (EST) 275 - Gildan

In this paper, we introduce the family of UCON<sub>ABC</sub> models for usage control. *Authorizations (A), obligations (B), and conditions (C)*. We call these conditions because they address the *aspects* of UCON, leaving

Results across 1–6–8–10–12

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